

Claims

1. An aspirating means for a power hand tool, more particularly a router, able to be set on a workpiece to be worked on using a support plate and is able to be moved in relation to the workpiece and the tool, more particularly a router bit, extending through the support plate and being preferably able to be adjusted in relation to the support plate in the vertical direction, wherein at the support plate of the tool a more particularly funnel-like orifice means is provided able to receive waste, chips, dust or the like, and able to be releaseably secured or mounted so as to be directed toward the tool bit, to which orifice means by the intermediary of a connection vacuum may be applied for the removal of the waste or, respectively, the chips.

2. The aspiration means as set forth in claim 1, wherein the receiving orifice means opens into an annular suction duct, which is arranged in a detachable manner at the outer periphery of the support plate and furthermore the means are provided for connecting vacuum with the annular suction duct.

3. The aspiration means as set forth in claim 1, wherein the receiving orifice means is adapted to be moved along the periphery of the support plate for adjustment.

4. The aspiration means as set forth in claim 2,

wherein the receiving orifice means or the tubular duct opens into the annular suction duct.

5. The aspiration means as set forth in claim 2, wherein the receiving orifice means or the tubular duct opens by way of a slide means into the annular suction duct.

6. The aspiration means as set forth in claim 2, wherein the suction duct and the receiving orifice means are arranged on the surface, facing the workpiece, of the support plate concentrically to the drive axis of the tool bit and adjacent to the suction duct a support surface is formed projecting toward the workpiece.

7. The aspiration means as set forth in claim 2, wherein the suction duct is arranged on the side or, respectively, surface turned away from the workpiece and/or on a holder between the hand tool and the support plate and the tubular duct is designed for connection with the receiving orifice means on the outer side of the support plate.

8. The aspiration means as set forth in claim 1, wherein the suction duct is adapted to be vertically set in relation to the support plate.

9. The aspiration means as set forth in claim 1, wherein above the support plate and at a distance from the same a preferably detachable cover plate is provided, the free space between the support plate and the cover plate being connected with the vacuum connection.

10. The aspiration means as set forth in claim 9, wherein a connection opening is provided in the cover

plate and such connection opening is connected by way of a more particularly flexible pipe with the annular suction duct.

11. The aspiration means as set forth in claim 9, wherein brushes are provided adjacent to point of fixation of the cover plate, which is able to be inserted into a suitable guide, more especially from the side, and/or the passage of a drive.

12. The aspiration means as set forth in claim 9, wherein the cover plate is transparent and more particularly consists of an elastic, tough material.